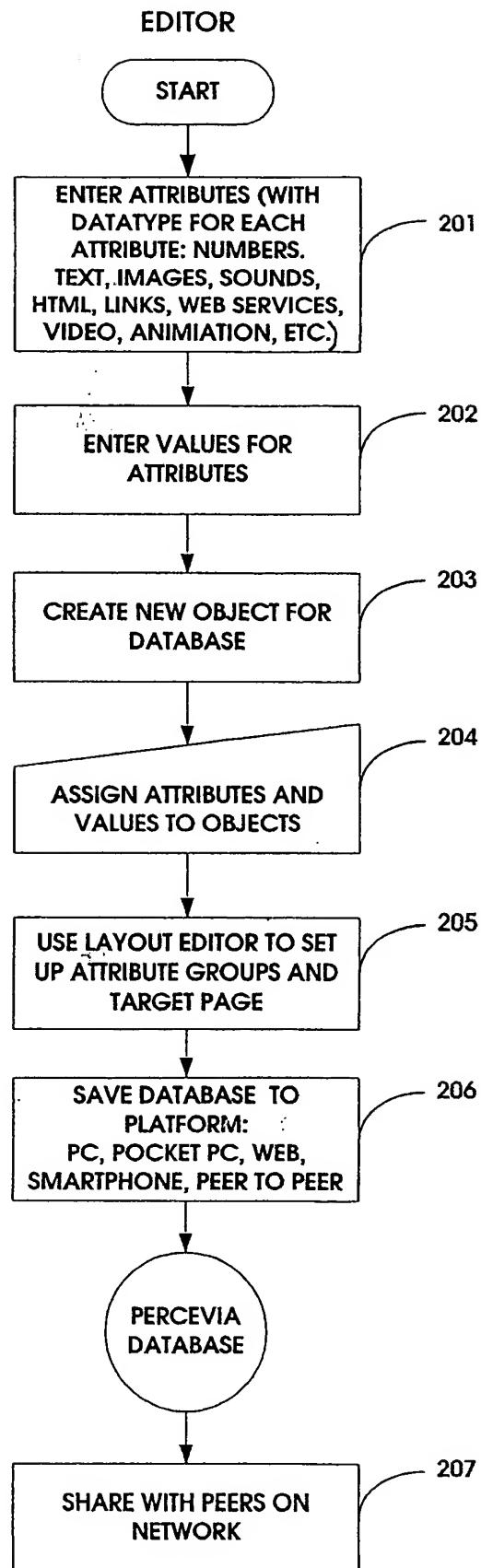


FIG. 1



**FIG 2**

**Percevia Knowledge Database Editor (1.0.1353.29852) - Field Guide to the Birds of California**

File Edit Database Help

Objects (341) Sort by: Bird Family

Attributes Sort by: Name Type Group Values Show All

Assigned Value

Assigned (1)

Woodpecker-Family

Unassigned (65)

Auks, Murres, Puffins Family

Avocets, Stilts Family (2)

American Avocet

Black-necked Stilt

Barn Owl Family (1)

Barn Owl

Bittern Family (2)

American Bittern

Least Bittern

Buntings, Finches, Sparrows (28)

American Goldfinch

New Object

Select a species, voice, location [10]

Body Illustration

Overview

Family (Latin)

Species (Latin)

Bird Category

Image Bird Family

Edit Delete

Length

INCH AVG INCH Wingspan

Where Found

Voice or Call

New Attribute

New Value

Attributes

The screenshot shows a database interface for bird species. On the left, a tree view lists object groupings: 'Objects' (containing Thick-billed Murre, Tufted Puffin, Xantus's Murrelet), 'Object Grouping' (containing 'Avocets, Stilts Family (2)' with American Avocet and Black-necked Stilt, 'Barn Owl Family (1)' with Barn Owl, 'Bittern Family (2)' with American Bittern and Least Bittern, and 'Buntings, Finches, Sparrows (28)' with American Goldfinch). A 'New Object' button is at the bottom left. The main area displays attributes for a selected bird. At the top right are 'Attributes', 'Sort by: Name Type Group Values Show All' buttons. Below is a list of attributes: Body Illustration, Overview, Family (Latin), Species (Latin), and Bird Category. A context menu is open over the Bird Category attribute, showing 'Image Bird Family', 'Edit', and 'Delete'. To the right, a 'Values' pane shows two sections: 'Assigned (1)' containing Woodpecker-Family, and 'Unassigned (65)' containing Auks, Murres, Puffins Family, Avocets, Stilts Family, Barn Owl Family, Bittern Family, Buntings, Finches, Sparrows, Bushit Family, Caracaras-Family, and Cardinals, Grosbeak-Family. Buttons for 'New Attribute' and 'New Value' are at the bottom right.

FIG. 2-A

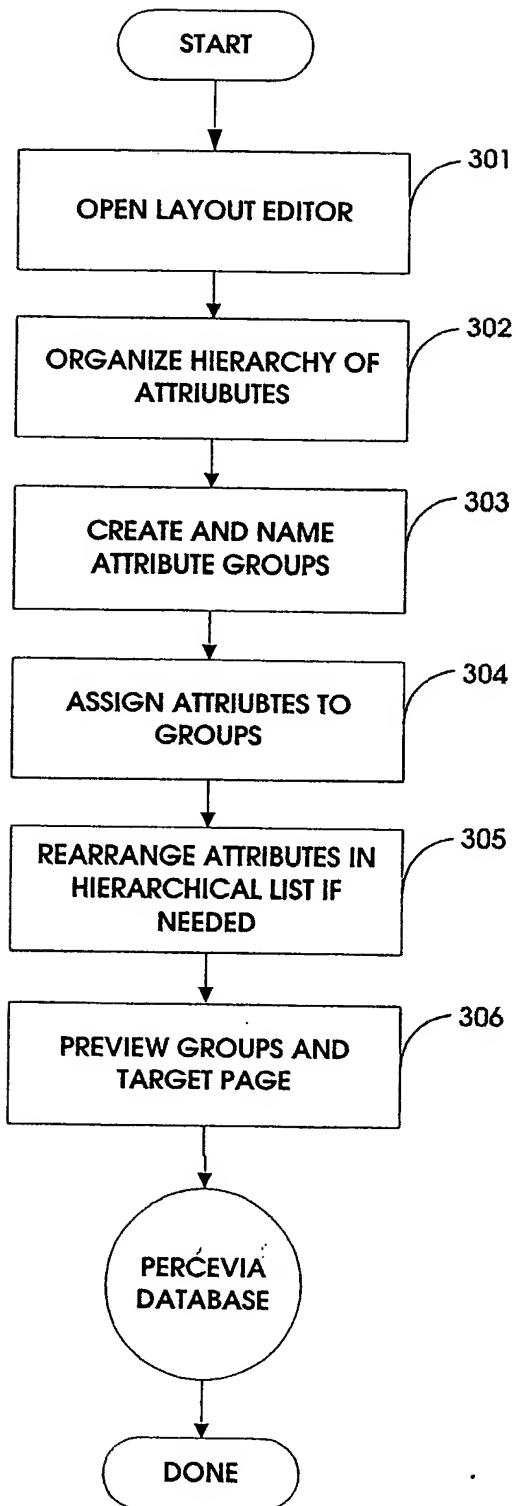


FIG. 3

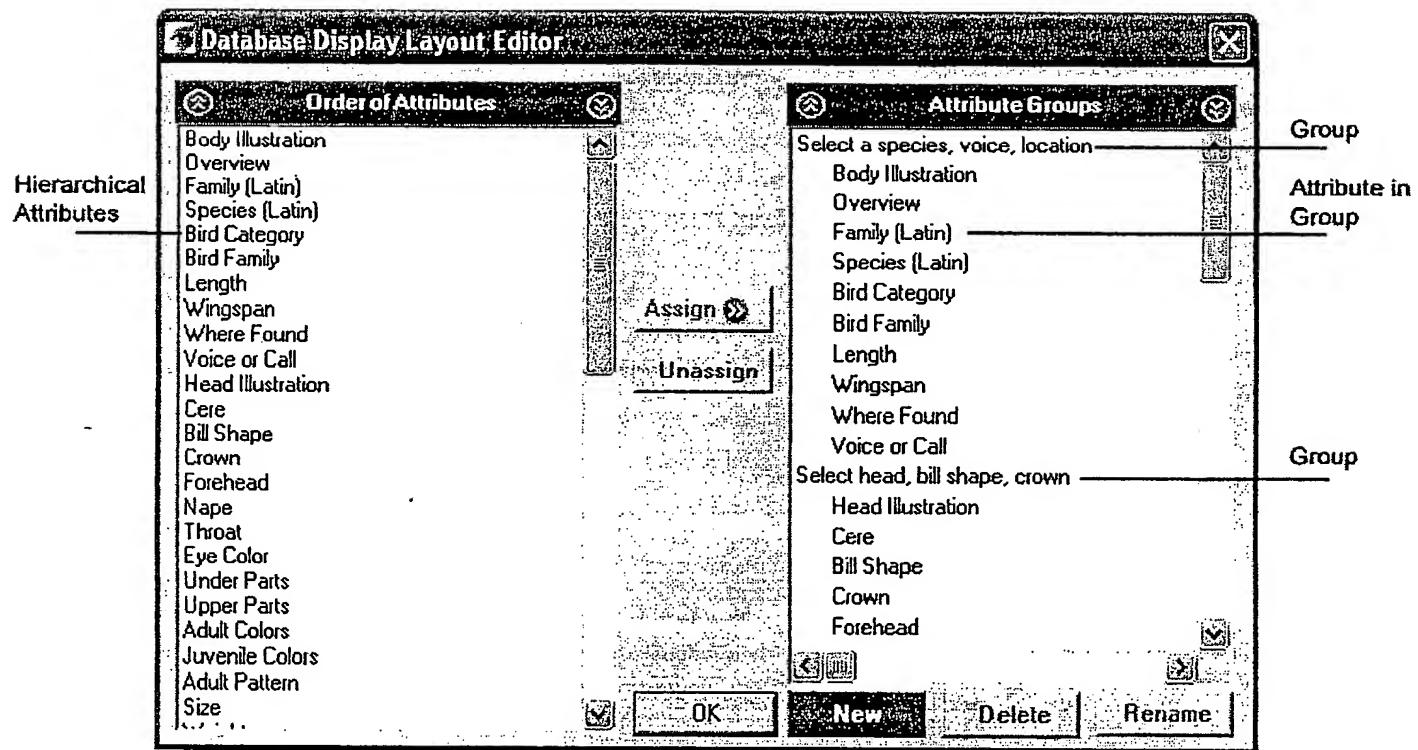


FIG. 3-A

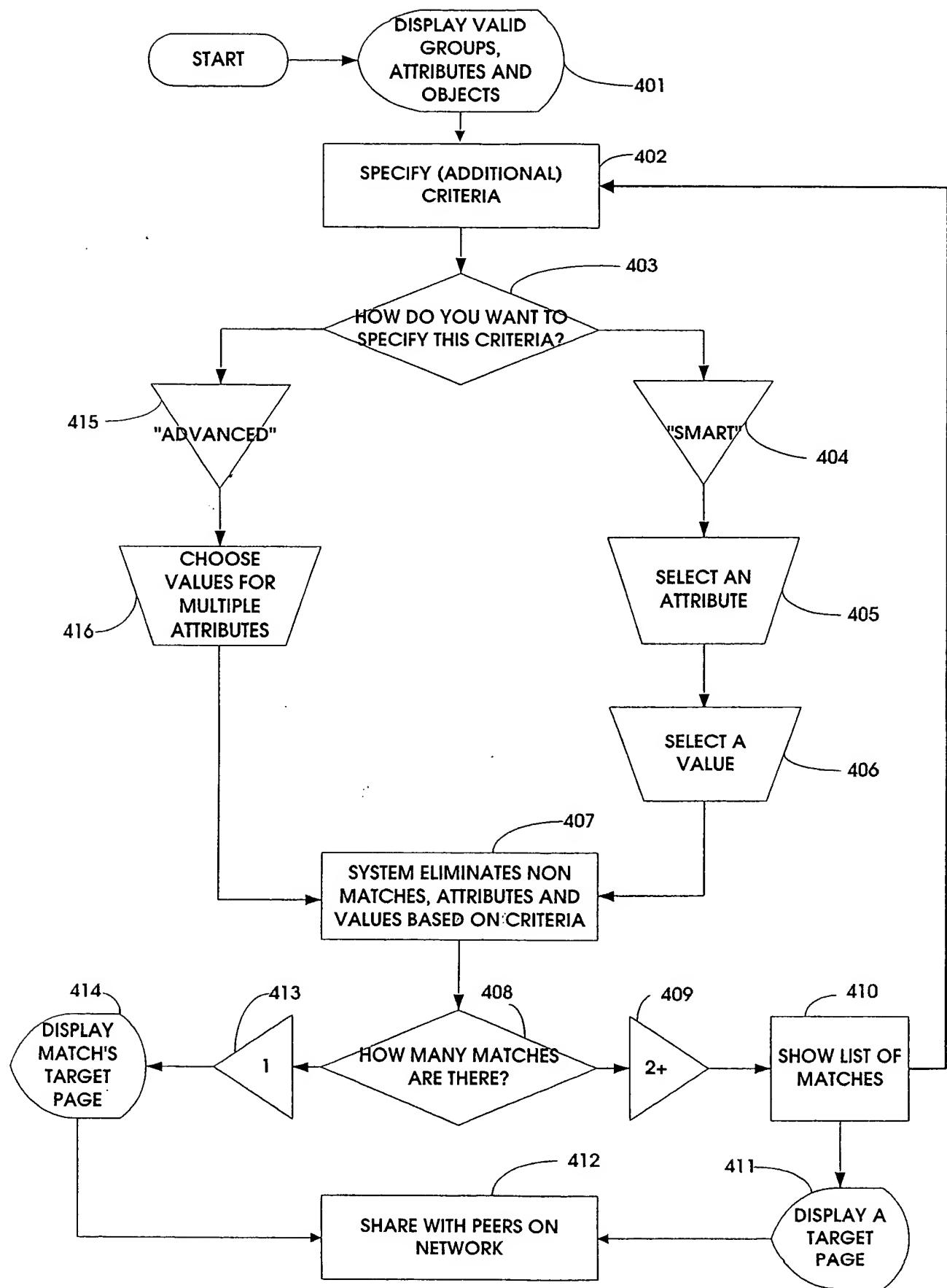


FIG. 4

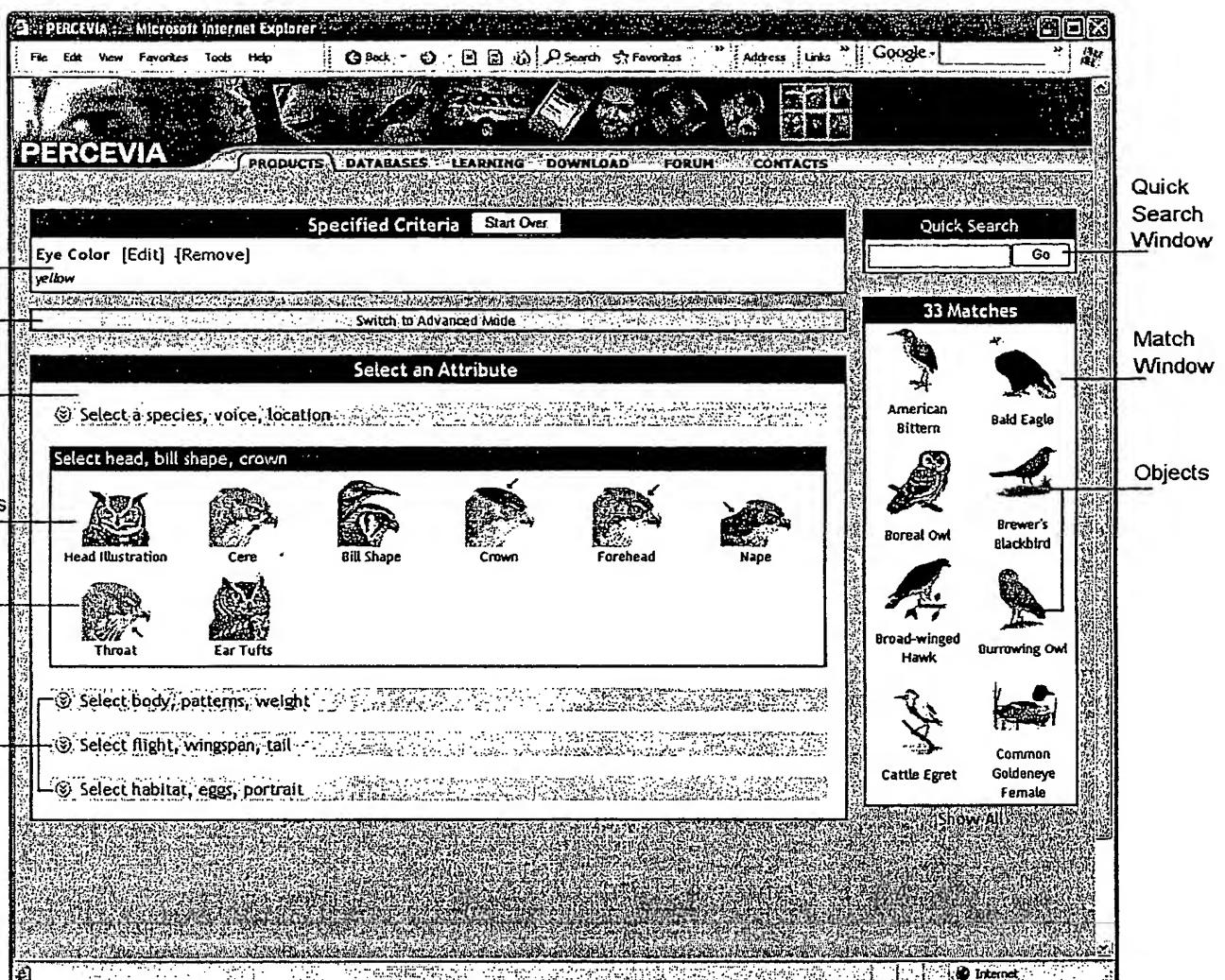


FIG. 4-A

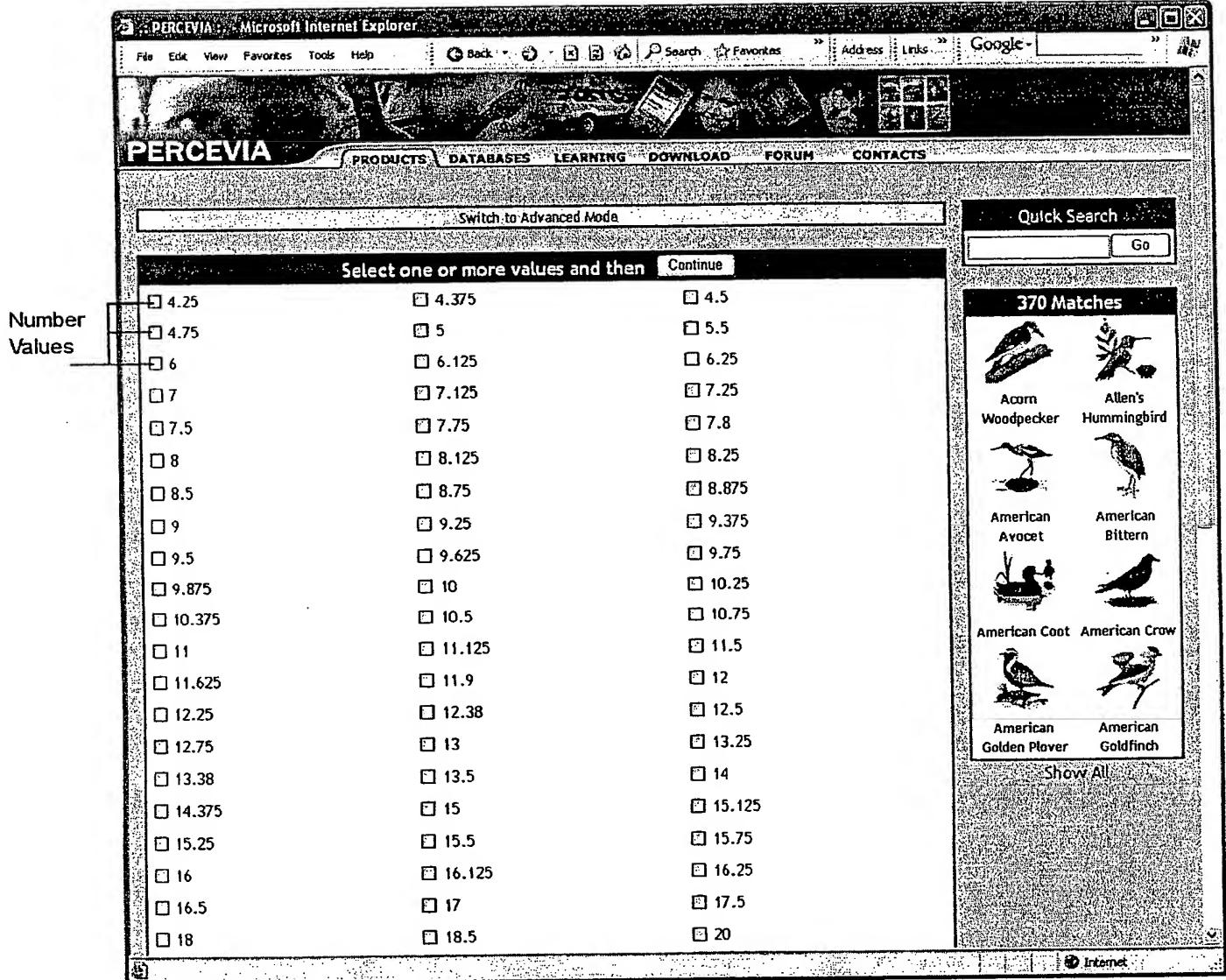


FIG. 4-B

Image  
Values

PERCEVIA Microsoft Internet Explorer

File Edit View Favorites Tools Help Back Search Favorites Address Google Link

PRODUCTS DATABASES LEARNING DOWNLOAD FORUM CONTACTS

Select one or more values and then Continue

Quick Search Go

338 Matches

Acorn Woodpecker Allen's Hummingbird

American Avocet American Bittern

American Coot American Crow

American Goldfinch American Kestrel

Show All

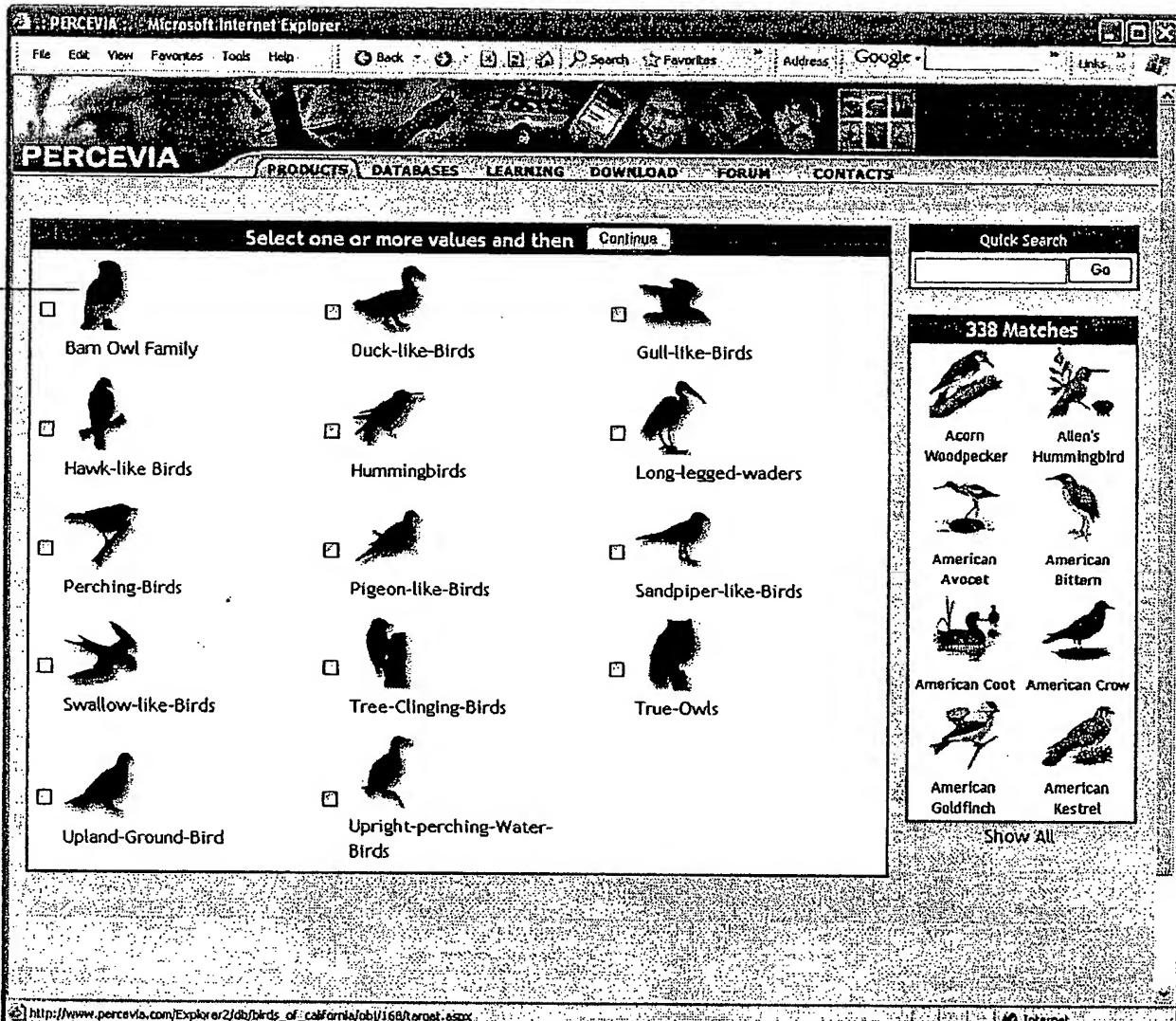
Barn Owl Family Duck-like-Birds Gull-like-Birds

Hawk-like Birds Hummingbirds Long-legged-waders

Perching-Birds Pigeon-like-Birds Sandpiper-like-Birds

Swallow-like-Birds Tree-Clinging-Birds True-Owls

Upland-Ground-Bird Upright-perching-Water-Birds



http://www.percevia.com/Explorer2/db/birds\_of\_california/obj/168/target.aspx

Internet

FIG. 4-C

Audio  
Values

PERCEVIA Microsoft Internet Explorer

File Edit View Favorites Tools Help Back Search Address Go Google Home

PERCEVIA PRODUCTS DATABASES LEARNING DOWNLOAD FORUM CONTACTS

Select one or more values and then Continue

<input type="checkbox"/> Acorn Woodpecker Voice	<input type="checkbox"/> Allen's Hummingbird Voice	<input type="checkbox"/> American Goldfinch Voice
<input type="checkbox"/> American Avocet Voice	<input type="checkbox"/> American Bittern Voice	<input type="checkbox"/> American Coot Voice
<input type="checkbox"/> American Crow Voice	<input type="checkbox"/> American Kestrel Voice	<input type="checkbox"/> American Pipit Voice
<input type="checkbox"/> American Robin Voice	<input type="checkbox"/> American White Pelican Voice	<input type="checkbox"/> American Wigeon Voice
<input type="checkbox"/> Anna's Hummingbird Voice	<input type="checkbox"/> Baird's Sparrow Voice	<input type="checkbox"/> Bald Eagle Voice
<input type="checkbox"/> Band-tailed Pigeon Voice	<input type="checkbox"/> Bank Swallow Voice	<input type="checkbox"/> Barn Owl Voice
<input type="checkbox"/> Barn Swallow Voice	<input type="checkbox"/> Barred Owl Voice	<input type="checkbox"/> Belted Kingfisher Voice
<input type="checkbox"/> Bewick's Wren Voice	<input type="checkbox"/> Black Phoebe Voice	<input type="checkbox"/> Black Swift Voice
<input type="checkbox"/> Black Turnstone Voice	<input type="checkbox"/> Black-and-white Warbler Voice	<input type="checkbox"/> Black-backed Woodpecker Voice
<input type="checkbox"/> Black-bellied Plover Voice	<input type="checkbox"/> Black-billed Magpie Voice	<input type="checkbox"/> Blackburnian Warbler Voice
<input type="checkbox"/> Black-chinned Hummingbird Voice	<input type="checkbox"/> Black-chinned Sparrow Voice	<input type="checkbox"/> Black-crowned-Night-Heron Voice
<input type="checkbox"/> Black-headed Grosbeak Voice	<input type="checkbox"/> Black-necked Stilt Voice	<input type="checkbox"/> Black-throated Blue Warbler Voice
<input type="checkbox"/> Black-throated Gray Warbler Voice	<input type="checkbox"/> Black-throated Green Warbler Voice	<input type="checkbox"/> Blue Grosbeak Voice
<input type="checkbox"/> Blue Grouse Voice	<input type="checkbox"/> Blue Jay Voice	<input type="checkbox"/> Blue-throated Hummingbird Voice
<input type="checkbox"/> Boreal Owl Voice	<input type="checkbox"/> Brant Voice	<input type="checkbox"/> Brant's Cormorant Voice
<input type="checkbox"/> Brewer's Blackbird Voice	<input type="checkbox"/> Brewer's Sparrow Voice	<input type="checkbox"/> Broad-billed Hummingbird Voice
<input type="checkbox"/> Broad-tailed Hummingbird Voice	<input type="checkbox"/> Broad-Winged Hawk Voice	<input type="checkbox"/> Brown Creeper Voice

Quick Search Go

338 Matches

	
Acorn Woodpecker	Allen's Hummingbird
	
American Avocet	American Bittern
	
American Coot	American Crow
	
American Goldfinch	American Kestrel

Show All

Internet

FIG. 4-D

Text  
Values

PERCEVIA Microsoft Internet Explorer

File Edit View Favorites Tools Help Back Search Address Links Google

PERCEVIA PRODUCT DATABASES LEARNING DOWNLOAD FORUM CONTACTS

Select one or more values and then Continue

Alaska       Alberta       Arizona  
 Baja       British Columbia       California  
 Colorado       Idaho       Kansas  
 Manitoba       Mexico       Montana  
 Nebraska       Nevada       New Mexico  
 None in Western U.S.       North Dakota       Oregon  
 Saskatchewan       South Dakota       Texas  
 Utah       Washington       Wyoming

Quick Search Go

338 Matches

   
Acorn Woodpecker Allen's Hummingbird

   
American Avocet American Bittern

   
American Coot American Crow

   
American Goldfinch American Kestrel

Show All

Internet

FIG 4-E

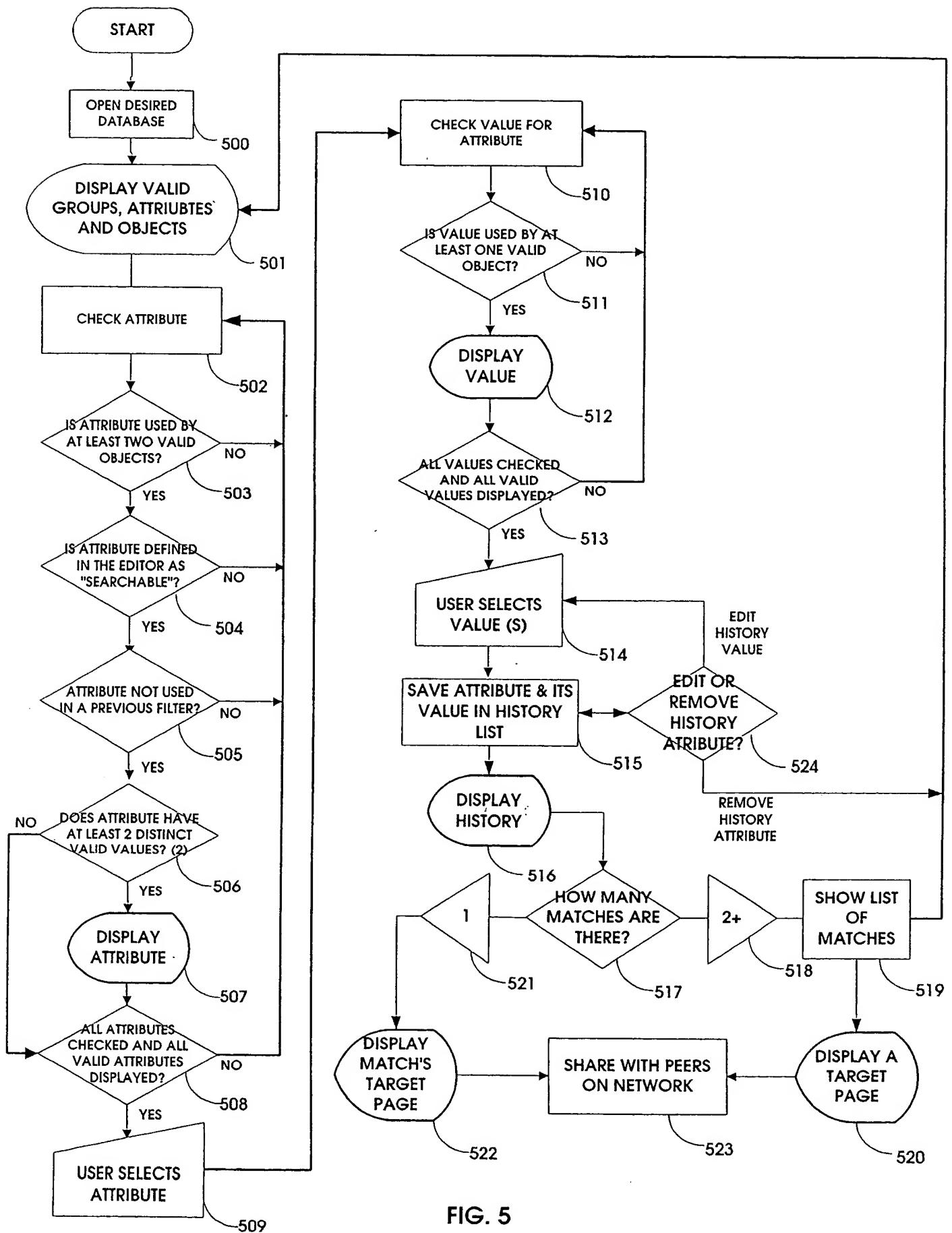


FIG. 5